

# Fabrice Chimienti

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

2,654  
citations

430754

18  
h-index

642610

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

3643  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and Cloning of a $\beta$ -Cell-Specific Zinc Transporter, ZnT-8, Localized Into Insulin Secretory Granules. <i>Diabetes</i> , 2004, 53, 2330-2337.	0.3	435
2	Insulin Storage and Glucose Homeostasis in Mice Null for the Granule Zinc Transporter ZnT8 and Studies of the Type 2 Diabetes-Associated Variants. <i>Diabetes</i> , 2009, 58, 2070-2083.	0.3	347
3	In vivo expression and functional characterization of the zinc transporter ZnT8 in glucose-induced insulin secretion. <i>Journal of Cell Science</i> , 2006, 119, 4199-4206.	1.2	316
4	Identification of SLURP-1 as an epidermal neuromodulator explains the clinical phenotype of Mal de Meleda. <i>Human Molecular Genetics</i> , 2003, 12, 3017-3024.	1.4	230
5	Free zinc ions outside a narrow concentration range are toxic to a variety of cells <i>in vitro</i> . <i>Experimental Biology and Medicine</i> , 2010, 235, 741-750.	1.1	178
6	ZnT-8, A Pancreatic Beta-Cell-Specific Zinc Transporter. <i>BioMetals</i> , 2005, 18, 313-317.	1.8	146
7	Role of cellular zinc in programmed cell death: temporal relationship between zinc depletion, activation of caspases, and cleavage of Sp family transcription factors Abbreviations: Chx, cycloheximide; PARP, poly(ADP-ribose) polymerase; TNF $\alpha$ , tumor necrosis factor alpha; and TPEN: N,N,N',N'-tetrakis(2-pyridylmethyl)ethylenediamine. <i>Biochemical Pharmacology</i> , 2001, 62, 51-62.	2.0	128
8	In silico identification and expression of SLC30 family genes: An expressed sequence tag data mining strategy for the characterization of zinc transporters' tissue expression. <i>BMC Genomics</i> , 2004, 5, 32.	1.2	125
9	Zinc, pancreatic islet cell function and diabetes: new insights into an old story. <i>Nutrition Research Reviews</i> , 2013, 26, 1-11.	2.1	99
10	Investigation of Transport Mechanisms and Regulation of Intracellular Zn <sup>2+</sup> in Pancreatic $\beta$ -Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 10184-10197.	1.6	98
11	SLC30A8 mutations in type 2 diabetes. <i>Diabetologia</i> , 2015, 58, 31-36.	2.9	92
12	Differential regulation of zinc efflux transporters ZnT-1, ZnT-5 and ZnT-7 gene expression by zinc levels: a real-time RT-PCR study. <i>Biochemical Pharmacology</i> , 2004, 68, 699-709.	2.0	85
13	Tolbutamide Controls Glucagon Release From Mouse Islets Differently Than Glucose. <i>Diabetes</i> , 2013, 62, 1612-1622.	0.3	78
14	Modeling human pancreatic beta cell dedifferentiation. <i>Molecular Metabolism</i> , 2018, 10, 74-86.	3.0	65
15	Zinc transporters and their role in the pancreatic $\beta$ -cell. <i>Journal of Diabetes Investigation</i> , 2012, 3, 202-211.	1.1	51
16	Zinc transporter gene expression is regulated by pro-inflammatory cytokines: a potential role for zinc transporters in beta-cell apoptosis?. <i>BMC Endocrine Disorders</i> , 2009, 9, 7.	0.9	48
17	Zinc resistance impairs sensitivity to oxidative stress in hela cells: protection through metallothioneins expression. <i>Free Radical Biology and Medicine</i> , 2001, 31, 1179-1190.	1.3	47
18	Hypoxia lowers SLC30A8/ZnT8 expression and free cytosolic Zn <sup>2+</sup> in pancreatic beta cells. <i>Diabetologia</i> , 2014, 57, 1635-1644.	2.9	36

#	ARTICLE	IF	CITATIONS
19	Brain region-specific alterations of RNA editing in PDE8A mRNA in suicide decedents. <i>Translational Psychiatry</i> , 2019, 9, 91.	2.4	18
20	Pancreatic imaging using an antibody fragment targeting the zinc transporter type 8: a direct comparison with radio-iodinated Exendin-4. <i>Acta Diabetologica</i> , 2018, 55, 49-57.	1.2	10
21	Prion protein protects against zinc-mediated cytotoxicity by modifying intracellular exchangeable zinc and inducing metallothionein expression. <i>Journal of Trace Elements in Medicine and Biology</i> , 2009, 23, 214-223.	1.5	9
22	A game changer for bipolar disorder diagnosis using RNA editing-based biomarkers. <i>Translational Psychiatry</i> , 2022, 12, 182.	2.4	7
23	Phosphodiesterase 8A to discriminate in blood samples depressed patients and suicide attempters from healthy controls based on A-to-I RNA editing modifications. <i>Translational Psychiatry</i> , 2021, 11, 255.	2.4	6